

Data Files

File name	Description
datalabel.csv	CSV file that contains the data and labels. -1 denotes that a data point is missing
card.csv	CSV file that contains the data. -1 denotes that a data point is missing

2SLS regressions after substituting for U using log(KWW) (Case 1-8):

File name	Description
analyze_sub_u_2sls.m	Main runnable file.
sls_regression.m	Performs 2sls regression
generate_titles.m	Sets case_title/case_summary to an appropriate value for display.
generate_xlabel.m	Retrieves the labels for the regressors and sets these to a variable called xlabel.
parse_iv_sub_u_raw_data.m	Parses raw data into the variables.
populate_sub_u_2sls_data.m	A hub file that specifies the variables and invokes the correct populate_iv_data method depending on the case number.
populate_sub_u_2sls_case1.m	This is invoked for case 1. 2SLS (given S1); instrument for IKWW: interaction of educ exper expersq black with S1
populate_sub_u_2sls_case2.m	This is invoked for case 2. 2SLS (given S1); instrument for educ exper expersq black IKWW: interaction of educ exper expersq black with S1
populate_sub_u_2sls_case3.m	This is invoked for case 3. 2SLS (given S1); instrument for IKWW: interaction of educ exper expersq black with S1 and low parental education
populate_sub_u_2sls_case4.m	This is invoked for case 4. 2SLS (given S1); instrument for educ exper expersq black IKWW: interaction of educ exper expersq black with S1 and low parental education
populate_sub_u_2sls_case5.m	This is invoked for case 5. 2SLS (given GS); instrument for IKWW: interaction of educ exper expersq black with S1
populate_sub_u_2sls_case6.m	This is invoked for case 6. 2SLS (given GS); instrument for educ exper expersq black IKWW: interaction of educ exper expersq black with S1
populate_sub_u_2sls_case7.m	This is invoked for case 7. 2SLS (given GS); instrument for IKWW: interaction of educ exper expersq black with S1 and low parental education
populate_sub_u_2sls_case8.m	This is invoked for case 8. 2SLS (given GS); instrument for educ exper expersq black IKWW: interaction of educ exper expersq black with S1 and low parental education
impute_parental_edu_3.m through impute_parental_edu_8.m	For each of the cases from 3 to 8: This file imputes missing mother's or father's education and generates the instruments that use the interaction with parental education
sls_get_std_error.m	Calculates 2SLS standard error
run_sub_u_2sls_analysis.m	Computes and displays 2SLS regression coefficients and confidence intervals.